



PTO/SB/03A (10-01)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete if Known

Application Number	09/025,345
Filing Date	February 18, 1998
First Named Inventor	Hinshaw et al.
Group Art Unit	3641
Examiner Name	A. Felton
Attorney Docket Number	2507-5818.1US (1082-222-CIP2)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
A7		US-3,065,139	November 27, 1962	Zhivadinovich	
		US-3,880,595	April 29, 1975	Timmerman	
		US-4,337,102	June 29, 1982	Oberth et al.	
		US-4,642,147	February 10, 1987	Hyypa	
		US-4,907,509	March 13, 1990	Lieberman	
		US-5,635,668	June 3, 1997	Barnes et al.	
A7		US-5,663,524	September 2, 1997	Buccerius	
		US-5,677,510	October 14, 1997	Buccerius et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
A7		WO 95/04015	2/9/1995	Highsmith et al.		
A7		WO 95/19944	7/27/1995	Hinshaw et al.		
A7		EP 0 716 060	6/12/1996	Buccerius et al.		

Examiner
Signature

A. Felton

Date
Considered

4/28/05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 2

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Application Number	09/025,345
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Group Art Unit	3641
Examiner Name	A. Felton
Attorney Docket Number	2507,5818 IUS 1082,222.CIP2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AT		PATIL, Proc.-Indian Acad. Sci, Chem Sci (1986) 96(6), 459-64, abstract thereof, Chem Abs, 106 #, 60349.*	
AT		ELLERN, Military and Civilian Pyrotechincs, pp 62-63 & 433, Chemical Publ. Company, Inc. (1968) New York.*	

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